

REMARKS

Claims 1-16 are pending in this application. By this Amendment, claims 1, 10-12, 15, and 16 are amended and claim 2 is canceled without prejudice to or disclaimer of the subject matter found therein. Reconsideration of the application is respectfully requested.

The Office Action rejects claims 1-16 under 35 U.S.C. §103(a) over Yamazaki et al., U.S. Patent No. 5,349,366 (Yamazaki '366) in view of Yamazaki, U.S. Patent No. 6,545,656 (Yamazaki '656). The rejection is respectfully traversed.

Neither of the applied references individually nor the permissible combination thereof disclose or suggest a horizontal scanning period that includes a first sub horizontal scanning period to perform the setting step and a second sub horizontal scanning period to perform the resetting step, as recited in independent claims 1, 10-12, 15, and 16.

In Yamazaki '366, there is no horizontal scanning period that includes a first sub horizontal scanning period to perform the setting step and a second sub horizontal scanning period to perform the resetting step (Fig. 1(B) of Yamazaki '366). Instead, as Fig. 1(B) of Yamazaki '366 illustrates, the electric potential applied to the drain changes synchronously with the pulse in the selection line, and the polarity thereof is reversed frame-by-frame (col. 11, lines 18-21 of Yamazaki '366). Hence, the polarity in the first frame from time $t=t_0$ to $t=t_1$ is negative, but it turns to positive in the second frame from $t=t_1$ to $t=t_2$, and then again it turns to a negative state in the third frame after $t=t_2$ (col. 11, lines 22-26). Further, as Yamazaki '366 describes, the pixel is written between a zero potential and an alternating potential by applying a zero potential and a positive potential and a negative potential to the drain of the second transistor Tr2 (col. 12, lines 7-11 of Yamazaki '366).

Accordingly, Yamazaki '366 does not disclose or suggest a horizontal scanning period that includes a first sub horizontal scanning period to perform the setting step and a second sub horizontal scanning period to perform the resetting step, as claimed. Thus, Yamazaki

'366 fails to disclose or suggest the features as recited in independent claims 1, 10-12, 15, and 16.

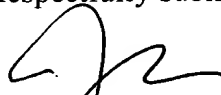
Yamazaki '656 fails to overcome the deficiencies of Yamazaki '366 as applied to independent claims 1, 10-12, 15, and 16.

Because none of the applied references, alone or in permissible combination thereof, disclose or suggest all of the features as recited in claims 1, 10-12, 15, and 16, claims 1, 10-12, 15, and 16 are patentable over the applied references. Further, the applied references cannot render obvious the subject matter of claims 2-9, 13, and 14, for the reasons discussed with respect to claims 1 and 10 and for the additional features recited therein. Thus, it is respectfully requested that the rejection be withdrawn.

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance of claims 1-16 are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,



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Attachment:
Request for Continued Examination

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